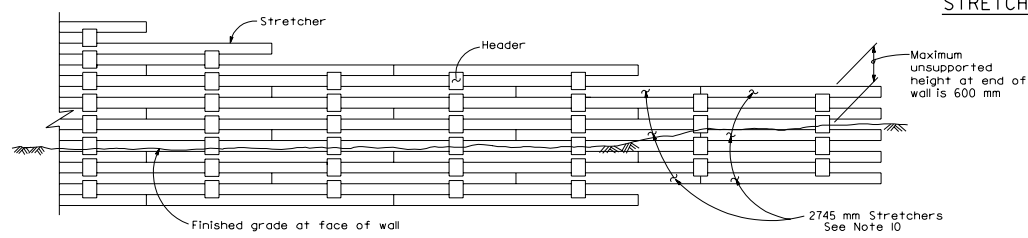
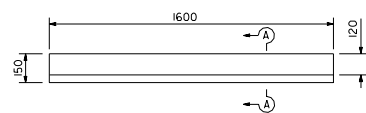


PARTIAL PLAN AT BASE
TYPE "D" SHOWN, OTHERS SIMILAR

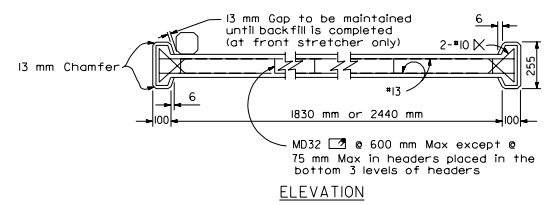


PARTIAL ELEVATION

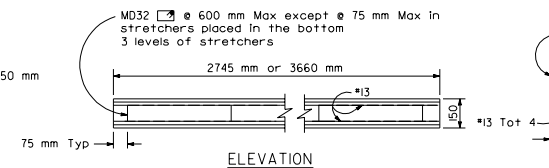


ELEVATION

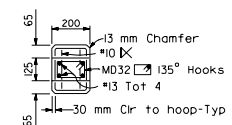
FRONT FACE CLOSURE MEMBER



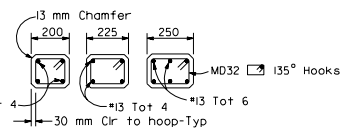
HEADER DETAIL



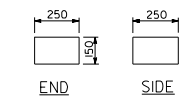
STRETCHER DETAIL



SECTION



SECTION



FILLER BLOCK DETAIL

GENERAL NOTES

1. Reinforced Concrete:
Concrete - $f'_c = 25$ MPa
Bar Reinforcement - $f_y = 420$ MPa
Deformed Wire - $f_y = 450$ MPa
2. Soil Parameters:
Backfill - $\phi = 34^\circ$
 $\delta = 22.7^\circ$
 $\delta = 19$ kN/m³
Foundation - $\phi = 34^\circ$
Lateral earth pressure determined by Coulomb's theory.
3. Concrete to concrete bearing surfaces shall be finished to a smooth plane. The gap between bearing surfaces shall not exceed 3 millimeters. Where a gap of 1.5 millimeters to 3.0 millimeters exists, a 1.5 millimeters pad of asphalt felt or sheet neoprene shall be placed between the bearing surfaces. For wall Types D, E, and F, a 1.5 millimeters asphalt felt pad or sheet neoprene shall be placed between all concrete bearing surfaces below the 8950 millimeters level.
4. All members may be manufactured to dimensions 4 millimeters greater in thickness and stretchers 13 millimeters less in length.
5. Where an opening is specified in the face of a wall, special length stretchers and additional headers may be required.
6. For non-tangent wall alignment, special length stretchers may be required.
7. For non-tangent wall alignment and at locations where filler blocks are required, special length front face closure members may be required.
8. The thickness of the lowest step for each wall type shall not be less than the dimension shown on these plans.
9. Use of "Front Face Closure Member" shall be required only when specified on project plans or in the Special Provisions.
10. All stretchers are 3660 millimeters except as noted.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**REINFORCED CONCRETE CRIB WALL
TYPES A, B, C, D, E AND F
HEADER AND STRETCHER DETAILS**

NO SCALE
ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

C7E